

III SEMESTER

PAPER - I (Lifespan Nutrition I)

QP CODE: 8380

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Explain food requirements of preschool children giving their dietary guidelines and list out the feeding problems seen in them.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. What are the basic principles of meal planning and why is it necessary?
3. Give immunological importance of breast milk.
4. Give RDA for 5year old kid and explain how it can be met.
5. What are the points to be considered in planning a packed lunch? Suggest some packed lunches.
6. What are nutritional requirements in adolescents?
7. What is balanced diet? Why is it necessary to have balanced diet?
8. What is weaning? What is the need of weaning in infants? Give some examples of some weaning foods.
9. What are the factors that affect nutritional status of preschool children?
10. What are feeding problems in school going children?

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Give four food group system suggested by ICMR.
12. How does breast milk benefit in hormones and growth of infants?
13. Write a note on dental decay in preschool children.
14. Write about constipation and obesity in 6-12years children.
15. Explain nutritional problems in adolescent boys.
16. Explain nutrient quality of antioxidants.
17. Write note on growth and development in infancy.
18. Write about iron requirement in 1-6year children.
19. Give RDA for girls of age 13-15years.
20. What is packed lunch? Why is it important?
21. What are the factors affecting meal planning?

BLDE (DEEMED TO BE UNIVERSITY)

July-2022

B.Sc. in Food & Nutrition

[Time: 3 Hours]

[Max. Marks: 80]

III SEMESTER

PAPER - II (Chemistry I)

QP CODE: 8381

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. What is Hybridization? Explain sp, sp², sp³ hybridization.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Explain Solvents - Types of solvents and their characteristics
3. What is first order and second order reaction? Give examples.
4. What is effect of temperature on surface tension?
5. Characteristic of acid and base.
6. What are the 4 major types of titration curve
7. What are the types of reaction kinetics? Write factor affecting reaction kinetics
8. Principle of fractional distillation.
9. Lewis concept of acids and bases
10. What are the characteristics of ideal solution?

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Define covalent bond and give example.
12. Give different classification system of organic compounds
13. Define viscosity with example
14. Write short note on theory of acid-base indicators
15. Write hyper conjugation reaction
16. What do you mean by hard and soft acids and base
17. What is difference between nucleophile and nucleophilic?
18. Write principle and application of steam distillation
19. Isoelectric pH
20. Define covalent bond.
21. Define pK value in terms of pH.

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B.Sc. Food & Nutrition

[Time: 3 Hours]

[Max. Marks: 80]

III SEMESTER

PAPER - III (Dietetics I)

QP CODE: 8382

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. How do we classify a person as underweight? Give the causes of underweight with their signs and symptoms.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. What are the dietary principles recommended in planning diet for acute febrile conditions?
3. List out and explain the causal factors of obesity.
4. Write about types of foods given in tube feeding.
5. What are the responsibilities of a dietitian? What are the objectives of diet therapy?
6. Write about high fiber and very-low residue diet.
7. Write in detail about typhoid and its treatment with respect to dietary advice.
8. Give the nutritional and food requirement for underweight individuals.
9. Elaborate diet, diet therapy and meal planning.
10. What are the nutritional modification and dietary management in tuberculosis?

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Write a note on RDA.
12. Define dietitian. Give its classifications.
13. Write a note on therapeutic diets.
14. Explain clear fluid diet.
15. Explain any 3 complications of obesity.
16. Explain diet therapy in obesity.
17. What are the dietary guidelines for underweight?
18. Write about malaria and its dietary management.
19. Write about macronutrient deficiencies in AIDS patients.
20. Write differences between enteral and parenteral feeding.
21. Explain sodium restricted diet.